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# Boys' and Girls' Club Work: Potato Club Record Book

C. Larsen

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# BOYS' AND GIRLS' CLUB WORK

## Home Record Book

### POTATO CLUB

Member's Name

Post Office

R. F. D.

County

Township

### EXTENSION DIVISION

South Dakota State College of Agriculture  
and Mechanic Arts and U. S. Depart-  
ment of Agriculture, cooperating  
C. Larsen, Director

### JUNIOR EXTENSION WORK

Paul J. Scarbro . . . . . State Club Leader  
Irene Dunne . . . . . Assistant State Club Leader  
A. L. Haynes . . . . . Assistant State Club Leader  
Selma Rongstad . . . . . Assistant State Club Leader

Brookings, S. Dak.

Brookings, S. D.

Dear Club Member:

The growing of potatoes is one of the most interesting projects boys and girls can enter. It affords a study of the soil, its composition and ability to turn water, sunlight and air into valuable food. The experience that boys and girls get in this work will fit them for the bigger things of life.

The project of potato growing is not only interesting; it is educational, profitable and a very necessary enterprise. The work, together with the letters of instruction, you will receive from the State Club Leader, will afford you a very pleasant and useful season.

Form a club of five or more boys and girls in this project and see what a good time you will have, not only in your gardens, but in your business meetings, club picnics and fairs.

Mr. Scarbro, who will have charge of this project in the state, has worked with young folks all his life and you will find him a friend and always willing to help you in every way possible.

Cordially yours,

A. L. HAYNES,

Ass't. State Club Leader.

## REGULATIONS OF THE CLUB

1. Any junior 10 to 18 years inclusive may enter.
2. Each club shall have at least five members and a local leader.
3. Enrollments close May 1.
4. Each member plants, cares for and markets the potatoes from his plot.
5. Size of plot, minimum  $\frac{1}{8}$  acre, maximum 5 acres.
6. Instructions relative to seed selection, treatment for diseases, preparation of the ground, planting, care, harvesting and storage, will be sent to each member by the State Club Leader.
7. Each member does his work, follows instructions, keeps a careful record, and makes reports as called for. At the close of the project he makes his final report and writes a story.
8. Any exhibit recommended by the County Agent or Club Leader is eligible to entry at the State Fair.
9. An exhibit shall consist of one peck of potatoes—no more, no less.

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## BASIS OF ACHIEVEMENT

Greatest yield, per acre basis.....	40 %
Profit .....	25 %
Exhibit (one peck) .....	15 %
Best kept record .....	10 %
Best written story .....	10 %

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100 %

## POINTS TO REMEMBER

1. Early varieties best adapted for South Dakota are Irish Cobbler and Early Ohio. Late variety, Rural New York.
2. Be very careful to get pure seed of the variety chosen.
3. Select tubers of medium size, smooth skin, regular shape and uniform. They should be well rounded out at each end, have shallow eyes and be free from diseases.
4. Before planting, always treat your seed potatoes for diseases as recommended in letters received from State Club Leader.
5. Cut the potatoes by hand after foregoing treatment. Have the pieces uniform in size and at least one good eye in each piece.
6. Plant the potatoes one piece in a hill and from 12 to 14 inches apart in the row. The rows should be 24 to 30 inches apart in a garden, or 36 to 42 inches apart in a field.
7. Plow the ground 8 inches deep just before planting. Make it mellow and compact by harrowing several times. Plant the potatoes 4 inches deep. They must have mellow ground beneath them as well as above.
8. A loose, rich, sandy loam is desirable.
9. Manure should be applied to crop that precedes rather than to the potato crop.
10. Never follow potatoes with potatoes.

## FIRST REPORT, APRIL 15

1. How large is your potato plot?.....
2. Have you selected your seed?.....
3. What variety will you grow?.....
4. How much did the seed cost per bushel?.....
5. Have you selected your plot?.....
6. Is it in a field or garden?.....
7. Have you plowed it yet?.....
8. Was it fall plowing?.....
9. What crop was raised on it last year?.....
10. Was manure applied last year?.....
11. Do you live on a farm?.....
12. Will you do field work for your father or  
others this year?.....
13. How much rental do you pay?.....
14. Is the ground subject to overflow?.....

It will require from 8 to 12 bushels of seed  
to plant an acre of potatoes.

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Fill out and mail a copy of this report to the  
County Agent, Local Club Leader, or Paul J.  
Scarbro, State Club Leader, Brookings, S. Dak.,  
not later than April 15. A blank will be sent to  
you for this report.

## SECOND REPORT, JUNE 15

1. What date did you plant?.....
2. Did you treat seed for diseases?.....
3. What treatment did you use?.....
4. How deep did you plow the ground?.....
5. Did you drop the potatoes in the furrow and  
plow them under?.....
6. Explain here the method you used in planting.  
.....  
.....  
.....  
.....
7. Did your potato vines get frosted when they  
were real small? .....
8. Do you have a good stand?.....
9. Are there any weeds in the plot?.....
10. Have the "bugs" appeared yet?.....

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Fill out and mail a copy of this report to the  
County Agent, Local Club Leader, or Paul J.  
Scarbro, State Club Leader, Brookings, S. Dak.,  
not later than June 15.

### THIRD REPORT AUGUST 1

1. How many times did you cultivate your potatoes? .....
2. Did you leave the ground level the last time thru? .....
3. How many times did you treat your vines for bugs? .....
4. Explain your method of treatment here.....  
.....  
.....  
.....
5. Were you troubled with either early or late blight? .....
6. Did you treat for blight?.....  
Explain here .....
7. About what date were your first potatoes ready for table use?.....
8. Did you sell any about that time?.....
9. Are there any weeds in your plot now?.....
10. Are you going to exhibit at your county or community fair? .....

Fill out and mail a copy of this report to the County Agent, Local Club Leader, or Paul J. Scarbro, State Club Leader, Brookings, S. Dak., not later than August 1. A blank will be sent you for this report.



## FOURTH REPORT OCTOBER 1

1. Have you dug your potatoes?.....
2. Have you sold them?.....
3. Did you "hill select" some for seed for next year according to letter from State Club Leader? .....
4. Will you store your crop for family use this winter? .....
5. In digging did you or will you use a machine digger? .....
6. Do you expect to increase the size of your plot next year? .....
7. About how much rainfall did you have during the growing season?.....
8. About what date was your last rain?.....

Fill out and mail a copy of this report to the County Agent, Local Club Leader, or Paul J. Scarbro, State Club Leader, Brookings, S. Dak., not later than October 1. A blank will be sent to you for this report.

## FINAL REPORT NOVEMBER 1

### Schedule of Labor Value for Yourself and Team—

For plowing ground.....	\$1.00 an acre
For harrowing, each time....	.10 an acre
For planting .....	1.00 an acre
For cultivating, each time....	.25 an acre
For digging .....	.05 a bu.

### Cost of Your Crop—

Seed potatoes .....	bu.	\$.....
Treatment for diseases .....		\$.....
Plowing .....		\$.....
Planting .....		\$.....
Harrowing .....	times	\$.....
Cultivating .....	times	\$.....
Treatment for bugs.....	times	\$.....
Treatment for blight .....		\$.....
Digging .....	bu.	\$.....
Rental .....		\$.....

Total cost of crop ..... \$.....

How many bushels did you harvest?.....

Value per bushel on local market?.....

Value of early potatoes used at home?.....

Total value of crop?.....

Net profit to you?.....

Fill out and mail a copy of this report to the County Agent, Local Club Leader, or Paul J. Scarbro, State Club Leader, Brookings, S. Dak., not later than November 1. A blank will be sent to you for this report.

# STUDENT'S SCORE CARD

SOUTH DAKOTA STATE COLLEGE, AGRONOMY  
DEPARTMENT

## Potatoes

### Variety Characteristics:—

Color of skin.....

Color of flesh .....

Color of vine .....

Color of bloom .....

Shape of tuber .....

Remarks .....

## JUDGING SAMPLE

	Per- fect Score	Number of Samples			
<b>Type 50 points—</b>					
Uniformity .....	20				
Conformity to variety color..	10				
Conformity to variety shape	10				
Condition of eyes .....	10				
<b>Commercial Condition 50 points</b>					
Quality of skin.....	10				
Quality of flesh .....	20				
Freedom from diseases .....	10				
Desirability of size .....	10				
Total .....	100				